



## Summary

### About this Release

#### ABOUT THIS RELEASE

Presents detailed results of the monthly Labour Force Survey including tables showing the civilian population aged 15 and over by sex, labour force status, age (single years for persons aged 15-24 years), marital status, States and Territories, capital cities, attendance at school or tertiary education institution, country of birth, year of arrival in Australia, industry, occupation, hours worked, average hours worked, full-time/part-time workers, participation rates, whether looking for full-time or part-time work (unemployed), duration of unemployment, changes in labour force status using matched records, relationship in household, families. Most issues contain an article on a special labour force topic.

## Measures of Labour Underutilisation (Feature Article)

### Feature Article - Measures of Labour Underutilisation

**Please Note: The Data in this Article have been updated and are available under the Data Cubes category for 6105.0 - Labour Under Utilisation.**

This article was published in **Labour Force, Australia** (Cat no. 6203.0) October 2002.

#### INTRODUCTION

The number of unemployed persons and the unemployment rate are widely used as measures of the available labour resources which are not being utilised in the economy. However, despite the high profile of the unemployment rate, no single measure can fully capture the complexity of the labour market nor satisfy all the purposes for which such data are needed. The **Information Paper: Measures of Underutilised Labour** (cat. no. 6296.0) introduced a series of supplementary measures which, together with unemployment statistics, provides a wider range of indicators of underutilised labour.

This article extends the information presented in the Information Paper by updating the measures of labour underutilisation to September 2001, and by providing disaggregations by state and territory and by age group for September 2001.

#### MEASURES OF LABOUR UNDERUTILISATION

The ABS already provides a wide range of data on available labour resources and the extent of labour utilisation (in addition to unemployment data). These include persons with a marginal attachment to the labour force (in particular, discouraged jobseekers) and persons who are underemployed. The ABS has developed a series of supplementary measures based on these data which, together with unemployment statistics, provide a broad view of existing and potential labour resources and the extent to which they are being utilised. The four measures of labour underutilisation - the official unemployment rate and three supplementary measures - are presented in the table below.

	1994 %	1995 %	1996 %	1997 %	1998 %	1999 %	2000 %	2001 %
Long-term unemployment rate(a)	3.0	2.3	2.3	2.6	2.4	2.0	1.5	1.5
Unemployment rate(b)	9.0	8.1	8.3	8.2	7.7	7.1	6.1	6.8
Labour force underutilisation rate(c)	14.1	13.8	13.8	13.6	13.0	11.8	10.9	12.5
Extended labour force underutilisation rate(d)	15.5	15.1	15.2	15.0	14.3	13.2	12.2	13.6

(a) Persons unemployed for 12 months or more as a percentage of the labour force.

(b) The unemployed as a percentage of the labour force.

(c) The unemployed plus the underemployed, as a percentage of the labour force.

(d) The unemployed, plus the underemployed, plus two groups of persons marginally attached to the labour force:

(i) persons actively looking for work, not available to start work in the reference week, but available to start work within 4 weeks; and

(ii) discouraged jobseekers;

as a percentage of the labour force augmented by (i) and (ii).

## MEASURES FOR STATES AND TERRITORIES

The following table presents measures of underutilised labour, as a series of rates, by state and territory for September 2001. Tables showing estimates for the states and territories for the period September 1994 to September 2001 are available on this web site. Also available on this web site are estimates for the level (or count) of the selected population groups contributing to the rates for each state and territory.

Relative standard errors (RSEs) for state and territory underutilisation rates will be slightly smaller than the corresponding RSEs for the unemployment rate. However, RSEs associated with the individual population groups contributing to the rates for each state and territory are likely to be too high for most practical purposes.

### MEASURES OF LABOUR UNDERUTILISATION BY STATE AND TERRITORY - September 2001

State/territory	Long-term unemployment rate %	Unemployment rate %	Labour force underutilisation rate %	Extended labour force underutilisation rate %
NSW	1.4	6.2	10.9	12.1
Vic.	1.2	6.3	11.8	12.8
Qld	1.9	8.0	15.0	16.3
SA	2.1	7.2	14.4	15.5
WA	1.4	7.0	12.9	13.8
Tas.	3.1	9.7	16.0	17.5
NT	0.8	6.0	10.1	10.7
ACT	0.9	4.5	9.8	10.4
Aust.	1.5	6.8	12.5	13.6

## MEASURES FOR AGE GROUPS

The following table presents underutilisation rates by age group for September 2001. Tables showing estimates by age group for the period September 1994 to September 2001 are available on the ABS web site. Also available on the web site are estimates for the level (or count) of the selected population groups contributing to the rates for each age group.

Relative standard errors (RSEs) for age-based underutilisation rates will be slightly smaller than the corresponding RSEs for the unemployment rate. However, RSEs associated with the individual population groups contributing to the rates for each age group are likely to be too high for most practical purposes.

### MEASURES OF LABOUR UNDERUTILISATION BY AGE GROUP - September 2001

Age group (years)	Long-term unemployment rate %	Unemployment rate %	Labour force underutilisation rate %	Extended labour force underutilisation rate %
15-19	1.8	17.5	31.0	32.0
20-24	2.1	10.1	18.0	18.9
25-34	1.2	6.4	10.7	11.4
35-44	1.2	4.9	10.1	10.9
45-54	1.7	4.6	9.2	10.2
55-69	2.1	4.5	8.4	11.7
Total(a)	1.5	6.8	12.5	13.6

(a) Includes those aged 70 years and over

## FUTURE DEVELOPMENTS

The ABS is developing an annual hours-based measure of the labour force underutilisation rate. This new measure will be available in 2003, initially for September 2002 data. The ABS will also collect information on the number of people in time-related underemployment each quarter, commencing with February 2003. As part of future developments in measuring labour underutilisation, the ABS is examining the inclusion of additional population groups whose labour is underutilised.

## FURTHER INFORMATION

The **Information Paper: Measures of Underutilised Labour** (cat. no. 6296.0) describes concepts behind the ABS measures of labour underutilisation in detail. For further information relating to ABS measures of labour underutilisation, please contact Rhonda de Vos on (02) 6252 7437 or email [rhonda.devos@abs.gov.au](mailto:rhonda.devos@abs.gov.au).

# Measures of Labour Underutilisation - Tables (Feature Article)

## Feature Article - Measures of Labour Underutilisation - Tables

Please Note: The Data in this Article have been updated and are available under the Data Cubes category for 6105.0 - Labour Under Utilisation.

## STATE TABLES

### Populations

#### 1 NEW SOUTH WALES-MEASURES OF LABOUR UNDERUTILISATION, Population Counts by Sex

	UNEMPLOYED		Underemployed	PERSONS NOT IN THE LABOUR FORCE	
	Long-term unemployed(a)	Total		Actively looking for work, not available in reference week, but available to start work in 4 weeks	Discouraged jobseekers
September	'000	'000	'000	'000	'000
MALES					
1994	70.9	158.4	67.9	*6.6	10.3
1995	55.3	141.2	72.1	*2.5	11.9
1996	48.9	141.0	66.9	*4.6	8.3
1997	59.3	141.1	65.8	*2.4	12.9
1998	59.4	131.0	63.9	*3.4	12.2
1999	42.0	120.8	53.5	*6.5	11.3
2000	34.1	101.2	62.2	8.6	11.6
2001	31.9	117.6	72.0	8.3	8.4
FEMALES					
1994	43.7	104.6	75.7	*7.1	26.1
1995	22.5	81.4	83.6	*6.2	29.0
1996	24.5	97.6	72.9	*5.9	34.2
1997	27.2	89.1	90.0	6.1	26.4
1998	29.2	92.3	75.8	6.8	25.9
1999	22.0	91.2	81.2	7.5	23.7
2000	19.4	70.6	70.6	*6.9	27.0
2001	17.0	87.4	83.7	7.7	18.1
PERSONS					
1994	114.6	263.1	143.6	13.8	36.4
1995	77.8	222.6	155.8	8.7	41.0
1996	73.4	238.5	139.8	10.5	42.5
1997	86.6	230.2	155.7	8.5	39.3

1998	88.5	223.3	139.7	10.2	38.1
1999	64.1	212.0	134.7	14.1	35.0
2000	53.5	171.8	132.7	15.6	38.6
2001	50.4	205.0	155.7	16.0	26.5

\* estimate has received a relative standard error of between 25% and 50% and should be used with caution.

\*\* estimate has received a relative standard error greater than 50% and is considered too unreliable for general use.

- nil or rounded to zero (including null cells).

(a) With the implementation of the redesigned Labour Force Survey questionnaire in April 2001, the definition of duration of employment was revised - see the **Information Paper: Implementing the Redesigned Labour Force Survey Questionnaire** (cat. no. 6295.0) for further information. Data on long-term unemployment for years prior to 2001 uses the old definition of long-term unemployment.

## 2 VICTORIA-MEASURES OF LABOUR UNDERUTILISATION, Population Counts by Sex

September	UNEMPLOYED		PERSONS NOT IN THE LABOUR FORCE		
	Long-term unemployed(a)	Total	Underemployed	Actively looking for work, not available in reference week, but available to start work in 4 weeks	Discouraged jobseekers
	'000	'000	'000	'000	'000
MALES					
1994	52.1	129.7	51.1	*2.2	9.8
1995	44.1	119.0	50.9	*2.9	12.6
1996	44.4	118.1	52.5	*3.4	7.0
1997	44.8	120.0	54.7	*4.0	12.3
1998	37.7	102.9	56.4	*1.6	10.0
1999	38.1	97.7	44.8	*5.0	11.9
2000	24.8	85.0	52.9	*5.3	9.5
2001	17.8	93.7	52.9	*4.0	8.1
FEMALES					
1994	29.5	92.4	66.8	*5.3	21.3
1995	24.4	82.0	81.9	*3.3	19.2
1996	32.3	88.3	75.9	*3.7	23.3
1997	33.7	85.1	67.0	*4.9	20.1
1998	28.6	85.6	76.1	*3.3	16.8
1999	22.7	73.0	66.4	6.0	15.0
2000	15.3	66.2	65.4	*3.6	18.6
2001	12.1	64.6	82.8	6.0	13.0
PERSONS					
1994	81.6	222.0	117.9	7.6	31.1
1995	68.5	201.0	132.8	*6.2	31.8
1996	76.6	206.4	128.4	7.2	30.3
1997	78.6	205.1	121.7	8.9	32.4
1998	66.3	188.5	132.4	*4.8	26.8
1999	60.8	170.7	111.2	11.0	26.9
2000	40.1	151.2	118.2	8.8	28.0
2001	29.9	158.3	135.7	10.0	21.1

\* estimate has received a relative standard error of between 25% and 50% and should be used with caution.

\*\* estimate has received a relative standard error greater than 50% and is considered too unreliable for general use.

- nil or rounded to zero (including null cells).

(a) With the implementation of the redesigned Labour Force Survey questionnaire in April 2001, the definition of duration of employment was revised - see the **Information Paper: Implementing the Redesigned Labour Force Survey Questionnaire** (cat. no. 6295.0) for further information. Data on long-term unemployment for years prior to 2001 uses the old definition of long-term unemployment.

## 3 QUEENSLAND-MEASURES OF LABOUR UNDERUTILISATION, Population Counts by Sex

September	UNEMPLOYED		PERSONS NOT IN THE LABOUR FORCE		
	Long-term unemployed(a)	Total	Underemployed	Actively looking for work, not available in reference week, but available to start work in 4 weeks	Discouraged jobseekers
	'000	'000	'000	'000	'000

MALES					
1994	22.4	74.9	35.2	*2.6	6.8
1995	20.6	86.3	42.8	*4.0	6.2
1996	22.6	86.9	48.2	*3.9	6.1
1997	30.7	87.1	42.9	4.1	7.1
1998	28.7	88.9	46.9	*3.8	6.5
1999	24.2	79.1	35.2	*2.2	5.9
2000	19.1	77.2	43.2	*2.6	*4.9
2001	25.1	88.0	56.4	*4.6	*4.8

FEMALES					
1994	13.5	57.9	49.9	5.1	12.1
1995	12.7	56.6	55.9	*4.3	9.6
1996	14.6	61.9	52.9	5.3	14.3
1997	15.2	63.5	58.2	4.1	11.6
1998	15.3	60.4	62.4	5.4	13.7
1999	16.0	62.1	57.3	8.8	15.2
2000	10.8	54.6	56.5	5.6	14.0
2001	11.4	61.8	75.3	6.0	12.3

PERSONS					
1994	35.8	132.9	85.1	7.7	18.8
1995	33.3	142.9	98.7	8.3	15.7
1996	37.2	148.8	101.2	9.2	20.4
1997	46.0	150.6	101.1	8.2	18.6
1998	44.0	149.3	109.3	9.2	20.1
1999	40.2	141.2	92.5	11.0	21.1
2000	29.9	131.8	99.7	8.3	18.9
2001	36.5	149.7	131.8	10.6	17.1

\* estimate has received a relative standard error of between 25% and 50% and should be used with caution.

\*\* estimate has received a relative standard error greater than 50% and is considered too unreliable for general use.

- nil or rounded to zero (including null cells).

(a) With the implementation of the redesigned Labour Force Survey questionnaire in April 2001, the definition of duration of employment was revised - see the **Information Paper: Implementing the Redesigned Labour Force Survey Questionnaire** (cat. no. 6295.0) for further information. Data on long-term unemployment for years prior to 2001 uses the old definition of long-term unemployment.

#### 4 SOUTH AUSTRALIA-MEASURES OF LABOUR UNDERUTILISATION, Population Counts by Sex

September	UNEMPLOYED		PERSONS NOT IN THE LABOUR FORCE		
	Long-term unemployed(a)	Total	Underemployed	Actively looking for work, not available in reference week, but available to start work in 4 weeks	Discouraged jobseekers
	'000	'000	'000	'000	'000
MALES					
1994	20.3	43.7	13.7	*1.1	*1.5
1995	18.2	43.2	20.3	**0.3	3.7
1996	14.9	41.3	19.3	*1.2	*3.1
1997	18.4	42.6	20.2	*1.6	*2.0
1998	20.4	43.8	16.6	**0.6	*2.5
1999	13.5	33.7	19.2	*1.8	3.2
2000	10.7	32.7	19.4	*1.2	*1.4
2001	10.4	32.2	22.1	*1.6	3.0
FEMALES					
1994	8.5	28.4	28.3	*1.2	6.0
1995	9.3	24.9	29.4	*1.1	5.7
1996	5.5	26.1	31.2	*1.1	8.2
1997	9.2	26.9	30.4	*1.3	8.1
1998	8.1	25.6	27.5	*2.0	7.9
1999	8.9	24.3	24.3	*1.2	5.6
2000	5.2	20.2	25.6	*1.4	5.1
2001	4.7	20.5	31.2	*1.0	3.3
PERSONS					

1994	28.8	72.1	42.0	*2.3	7.5
1995	27.5	68.1	49.7	*1.4	9.4
1996	20.3	67.4	50.5	*2.3	11.3
1997	27.7	69.5	50.6	3.0	10.2
1998	28.6	69.4	44.1	*2.6	10.4
1999	22.4	57.9	43.6	3.0	8.7
2000	16.0	52.9	45.0	*2.6	6.5
2001	15.1	52.7	53.3	*2.6	6.3

\* estimate has received a relative standard error of between 25% and 50% and should be used with caution.

\*\* estimate has received a relative standard error greater than 50% and is considered too unreliable for general use.

- nil or rounded to zero (including null cells).

(a) With the implementation of the redesigned Labour Force Survey questionnaire in April 2001, the definition of duration of employment was revised - see the **Information Paper: Implementing the Redesigned Labour Force Survey Questionnaire** (cat. no. 6295.0) for further information. Data on long-term unemployment for years prior to 2001 uses the old definition of long-term unemployment.

## 5 WESTERN AUSTRALIA-MEASURES OF LABOUR UNDERUTILISATION, Population Counts by Sex

September	UNEMPLOYED		PERSONS NOT IN THE LABOUR FORCE		
	Long-term unemployed(a)	Total	Underemployed	Actively looking for work, not available in reference week, but available to start work in 4 weeks	Discouraged jobseekers
	'000	'000	'000	'000	'000
MALES					
1994	10.9	37.2	17.3	*1.2	*1.3
1995	9.5	36.2	20.4	*2.0	*3.0
1996	10.7	40.6	23.0	*2.2	*3.3
1997	9.2	39.4	18.2	*2.0	*2.6
1998	9.5	40.0	21.1	*1.9	4.1
1999	9.3	40.8	19.9	*1.9	*2.8
2000	8.3	36.7	17.7	*3.2	*3.1
2001	8.7	43.4	23.4	*2.0	*2.5
FEMALES					
1994	6.2	29.3	26.2	*2.7	5.0
1995	4.8	28.6	28.8	*2.6	5.5
1996	6.7	26.1	26.8	*1.6	6.5
1997	3.9	23.4	31.0	*3.1	8.3
1998	4.7	24.6	27.8	*1.9	7.1
1999	3.8	24.7	29.3	*1.8	5.1
2000	3.1	18.6	35.2	*1.7	6.3
2001	5.3	27.6	35.8	*2.0	4.2
PERSONS					
1994	17.0	66.5	43.5	*3.9	6.4
1995	14.2	64.8	49.3	4.6	8.5
1996	17.4	66.6	49.8	*3.8	9.7
1997	13.1	62.8	49.2	5.1	10.8
1998	14.2	64.6	48.9	3.8	11.1
1999	13.1	65.5	49.1	3.7	8.0
2000	11.4	55.3	52.8	4.9	9.4
2001	14.0	71.0	59.3	4.0	6.7

\* estimate has received a relative standard error of between 25% and 50% and should be used with caution.

\*\* estimate has received a relative standard error greater than 50% and is considered too unreliable for general use.

- nil or rounded to zero (including null cells).

(a) With the implementation of the redesigned Labour Force Survey questionnaire in April 2001, the definition of duration of employment was revised - see the **Information Paper: Implementing the Redesigned Labour Force Survey Questionnaire** (cat. no. 6295.0) for further information. Data on long-term unemployment for years prior to 2001 uses the old definition of long-term unemployment.

## 6 TASMANIA-MEASURES OF LABOUR UNDERUTILISATION, Population Counts by Sex

	UNEMPLOYED		PERSONS NOT IN THE LABOUR FORCE		
	Long-term unemployed(a)	Total	Underemployed	Actively looking for work, not available in reference week, but available to start work in 4 weeks	Discouraged jobseekers

September	'000	'000	'000	'000	'000
MALES					
1994	8.1	15.3	6.1	*1.1	*1.4
1995	6.3	13.2	6.9	**0.5	*1.4
1996	4.6	13.9	7.4	**0.1	*0.7
1997	5.3	12.6	7.4	**0.1	1.9
1998	6.7	14.1	6.6	*0.7	*0.6
1999	5.6	12.4	4.7	*0.6	*1.0
2000	6.0	12.5	7.7	*0.5	*1.0
2001	4.9	13.4	6.1	*0.6	*0.9
FEMALES					
1994	3.0	8.2	8.4	*1.2	2.9
1995	2.0	6.4	9.6	*0.9	2.1
1996	3.3	8.8	9.6	*0.6	*1.5
1997	4.0	10.8	9.4	*0.6	2.3
1998	2.8	7.2	8.3	**0.4	2.2
1999	2.2	7.0	8.7	*0.8	3.5
2000	2.5	7.8	7.9	*0.6	2.4
2001	1.9	8.0	7.9	*0.6	1.9
PERSONS					
1994	11.1	23.5	14.5	2.2	4.3
1995	8.3	19.5	16.5	*1.4	3.5
1996	7.9	22.7	17.0	*0.7	2.2
1997	9.3	23.4	16.8	*0.7	4.2
1998	9.5	21.3	14.9	*1.2	2.8
1999	7.9	19.3	13.4	1.3	4.4
2000	8.5	20.3	15.6	*1.1	3.4
2001	6.8	21.4	14.0	*1.3	2.8

\* estimate has received a relative standard error of between 25% and 50% and should be used with caution.

\*\* estimate has received a relative standard error greater than 50% and is considered too unreliable for general use.

- nil or rounded to zero (including null cells).

(a) With the implementation of the redesigned Labour Force Survey questionnaire in April 2001, the definition of duration of employment was revised - see the **Information Paper: Implementing the Redesigned Labour Force Survey Questionnaire** (cat. no. 6295.0) for further information. Data on long-term unemployment for years prior to 2001 uses the old definition of long-term unemployment.

## 7 NORTHERN TERRITORY-MEASURES OF LABOUR UNDERUTILISATION, Population Counts by Sex

September	UNEMPLOYED		PERSONS NOT IN THE LABOUR FORCE		
	Long-term unemployed(a)	Total	Underemployed	Actively looking for work, not available in reference week, but available to start work in 4 weeks	Discouraged jobseekers
	'000	'000	'000	'000	'000
MALES					
1994	1.0	4.3	1.6	-	**0.4
1995	1.1	4.0	2.1	**0.7	-
1996	0.4	2.7	*1.4	**0.1	**0.5
1997	0.3	3.7	*1.1	-	**0.4
1998	1.0	3.1	*1.7	**0.2	**0.2
1999	0.4	1.9	*1.0	-	**0.2
2000	0.9	3.2	1.5	-	*0.7
2001	0.5	3.5	1.3	-	**0.3
FEMALES					
1994	0.6	2.8	2.1	**0.3	*0.8
1995	0.5	2.3	2.5	**0.4	**0.5
1996	0.1	2.5	2.9	**0.2	**0.7
1997	0.3	1.4	1.6	**0.4	**0.5
1998	0.1	1.4	1.8	**0.3	**0.3
1999	0.1	2.0	2.1	**0.3	-
2000	0.2	2.0	1.5	-	**0.2
2001	0.3	2.9	3.1	**0.2	**0.2

PERSONS					
1994	1.6	7.1	3.7	**0.3	*1.2
1995	1.6	6.3	4.6	*1.1	**0.5
1996	0.5	5.1	4.3	**0.4	*1.1
1997	0.7	5.0	2.7	**0.4	**0.9
1998	1.1	4.5	3.4	**0.5	**0.5
1999	0.5	4.0	3.2	**0.3	**0.2
2000	1.1	5.3	3.0	-	*0.9
2001	0.9	6.5	4.4	**0.2	*0.5

\* estimate has received a relative standard error of between 25% and 50% and should be used with caution.

\*\* estimate has received a relative standard error greater than 50% and is considered too unreliable for general use.

- nil or rounded to zero (including null cells).

(a) With the implementation of the redesigned Labour Force Survey questionnaire in April 2001, the definition of duration of employment was revised - see the **Information Paper: Implementing the Redesigned Labour Force Survey Questionnaire** (cat. no. 6295.0) for further information. Data on long-term unemployment for years prior to 2001 uses the old definition of long-term unemployment.

## 8 AUSTRALIAN CAPITAL TERRITORY-MEASURES OF LABOUR UNDERUTILISATION, Population Counts by Sex

	UNEMPLOYED		PERSONS NOT IN THE LABOUR FORCE		
	Long-term unemployed(a)	Total	Underemployed	Actively looking for work, not available in reference week, but available to start work in 4 weeks	Discouraged jobseekers
September	'000	'000	'000	'000	'000

### MALES

1994	2.1	6.8	3.6	**0.3	**0.2
1995	1.6	5.7	4.8	*0.7	**0.3
1996	1.7	6.5	5.0	**0.3	*0.5
1997	1.6	6.4	4.5	*0.4	*0.6
1998	2.6	6.1	4.3	*0.4	*0.6
1999	1.9	5.6	3.5	*0.4	*0.7
2000	1.7	4.7	3.7	**0.2	**0.3
2001	1.3	5.0	4.9	**0.2	**0.4

### FEMALES

1994	0.6	4.8	4.7	*0.4	*0.6
1995	0.5	3.9	5.5	**0.3	1.3
1996	1.2	6.1	5.3	*0.5	*0.8
1997	1.6	6.3	4.9	*0.4	1.4
1998	0.8	4.2	4.2	*0.5	*0.4
1999	0.9	3.5	4.4	*0.8	*0.8
2000	0.6	3.5	3.5	*0.6	*0.5
2001	0.3	3.0	4.6	**0.1	**0.4

### PERSONS

1994	2.7	11.6	8.2	*0.7	*0.8
1995	2.1	9.6	10.4	*1.0	1.5
1996	2.9	12.6	10.3	*0.8	1.3
1997	3.2	12.7	9.4	*0.8	1.9
1998	3.5	10.3	8.5	*0.9	*1.0
1999	2.8	9.1	7.8	*1.1	1.5
2000	2.2	8.2	7.2	*0.8	*0.8
2001	1.5	8.0	9.4	**0.4	*0.7

\* estimate has received a relative standard error of between 25% and 50% and should be used with caution.

\*\* estimate has received a relative standard error greater than 50% and is considered too unreliable for general use.

- nil or rounded to zero (including null cells).

(a) With the implementation of the redesigned Labour Force Survey questionnaire in April 2001, the definition of duration of employment was revised - see the **Information Paper: Implementing the Redesigned Labour Force Survey Questionnaire** (cat. no. 6295.0) for further information. Data on long-term unemployment for years prior to 2001 uses the old definition of long-term unemployment.

## 9 AUSTRALIA-MEASURES OF LABOUR UNDERUTILISATION, Population Counts by Sex

	UNEMPLOYED		PERSONS NOT IN THE LABOUR FORCE		



September	Long-term unemployed(a)  '000	Total  '000	Underemployed  '000	Actively looking for work, not available in reference week, but available to start work in 4 weeks  '000	Discouraged jobseekers  '000
MALES					
1994	187.8	470.3	196.4	15.1	31.7
1995	156.7	448.8	220.4	13.7	39.0
1996	148.2	450.8	223.8	15.8	29.5
1997	169.7	452.9	214.8	14.6	39.7
1998	166.0	429.8	217.4	12.6	36.7
1999	135.2	392.1	181.8	18.3	36.9
2000	105.6	353.2	208.2	21.6	32.4
2001	100.6	396.7	239.3	21.5	28.3
FEMALES					
1994	105.4	328.4	262.1	23.3	74.8
1995	76.7	286.1	297.3	19.1	72.9
1996	88.1	317.2	277.4	18.9	89.4
1997	95.2	306.5	292.5	21.1	78.7
1998	89.6	301.4	283.9	20.6	74.3
1999	76.6	287.7	273.7	27.2	68.9
2000	57.1	243.5	266.1	20.4	74.1
2001	52.0	275.9	324.3	23.6	53.3
PERSONS					
1994	293.2	798.8	458.5	38.4	106.5
1995	233.4	734.9	517.7	32.8	111.9
1996	236.3	768.1	501.2	34.7	118.9
1997	265.0	759.4	507.3	35.7	118.4
1998	255.6	731.2	501.3	33.2	110.9
1999	211.8	679.8	455.5	45.5	105.8
2000	162.7	596.7	474.3	42.0	106.5
2001	152.6	672.5	563.6	45.1	81.7

\* estimate has received a relative standard error of between 25% and 50% and should be used with caution.

\*\* estimate has received a relative standard error greater than 50% and is considered too unreliable for general use.

- nil or rounded to zero (including null cells).

(a) With the implementation of the redesigned Labour Force Survey questionnaire in April 2001, the definition of duration of employment was revised - see the **Information Paper: Implementing the Redesigned Labour Force Survey Questionnaire** (cat. no. 6295.0) for further information. Data on long-term unemployment for years prior to 2001 uses the old definition of long-term unemployment.

## Rates

### 1 NEW SOUTH WALES-MEASURES OF LABOUR UNDERUTILISATION, Rates by Sex

September	Long-term unemployment rate(a) %	Unemployment rate %	Labour force underutilisation rate %	Extended labour force underutilisation rate %
MALES				
1994	4.2	9.3	13.3	14.2
1995	3.2	8.1	12.3	13.0
1996	2.8	8.1	11.9	12.5
1997	3.4	8.0	11.8	12.5
1998	3.3	7.4	10.9	11.7
1999	2.3	6.6	9.6	10.5
2000	1.8	5.5	8.9	9.9
2001	1.7	6.3	10.2	11.0
FEMALES				
1994	3.4	8.2	14.1	16.3
1995	1.7	6.2	12.7	15.0
1996	1.9	7.4	13.0	15.6
1997	2.1	6.7	13.5	15.6
1998	2.1	6.7	12.2	14.3
1999	1.6	6.6	12.5	14.4
2000	1.4	4.9	9.9	12.0
2001	1.1	6.0	11.8	13.4

## PERSONS

1994	3.8	8.8	13.6	15.1
1995	2.6	7.3	12.4	13.8
1996	2.4	7.8	12.4	13.9
1997	2.8	7.5	12.5	13.9
1998	2.8	7.1	11.5	12.8
1999	2.0	6.6	10.8	12.2
2000	1.6	5.2	9.3	10.8
2001	1.4	6.2	10.9	12.1

(a) With the implementation of the redesigned Labour Force Survey questionnaire in April 2001, the definition of duration of employment was revised - see the **Information Paper: Implementing the Redesigned Labour Force Survey Questionnaire** (cat. no. 6295.0) for further information. Data on long-term unemployment for years prior to 2001 uses the old definition of long-term unemployment.

## 2 VICTORIA-MEASURES OF LABOUR UNDERUTILISATION, Rates by Sex

September	Long-term unemployment rate(a) %	Unemployment rate %	Labour force underutilisation rate %	Extended labour force underutilisation rate %
-----------	--	------------------------	--	---

### MALES

1994	4.1	10.1	14.1	14.9
1995	3.4	9.2	13.1	14.2
1996	3.4	9.0	13.0	13.7
1997	3.4	9.1	13.3	14.4
1998	2.8	7.7	11.9	12.6
1999	2.8	7.3	10.6	11.7
2000	1.8	6.2	10.0	11.0
2001	1.3	6.7	10.5	11.2

### FEMALES

1994	3.1	9.6	16.5	18.7
1995	2.5	8.3	16.6	18.4
1996	3.2	8.8	16.3	18.5
1997	3.3	8.3	14.9	16.9
1998	2.7	8.2	15.4	17.0
1999	2.1	6.9	13.2	14.8
2000	1.4	6.1	12.1	13.8
2001	1.1	5.9	13.4	14.9

## PERSONS

1994	3.6	9.9	15.1	16.6
1995	3.0	8.8	14.6	16.0
1996	3.3	8.9	14.4	15.8
1997	3.4	8.8	14.0	15.5
1998	2.8	7.9	13.4	14.6
1999	2.5	7.1	11.7	13.1
2000	1.6	6.1	10.9	12.2
2001	1.2	6.3	11.8	12.8

(a) With the implementation of the redesigned Labour Force Survey questionnaire in April 2001, the definition of duration of employment was revised - see the **Information Paper: Implementing the Redesigned Labour Force Survey Questionnaire** (cat. no. 6295.0) for further information. Data on long-term unemployment for years prior to 2001 uses the old definition of long-term unemployment.

## 3 QUEENSLAND-MEASURES OF LABOUR UNDERUTILISATION, Rates by Sex

September	Long-term unemployment rate(a) %	Unemployment rate %	Labour force underutilisation rate %	Extended labour force underutilisation rate %
-----------	--	------------------------	--	---

### MALES

1994	2.4	8.1	12.0	12.8
1995	2.2	9.0	13.5	14.4
1996	2.3	9.0	13.9	14.8
1997	3.2	8.9	13.3	14.3
1998	2.8	8.8	13.5	14.3
1999	2.4	7.9	11.4	12.1
2000	1.8	7.5	11.7	12.3
2001	2.4	8.4	13.9	14.6

FEMALES				
1994	2.0	8.4	15.7	17.7
1995	1.8	7.9	15.8	17.4
1996	2.0	8.4	15.6	17.8
1997	2.0	8.4	16.1	17.8
1998	2.0	7.9	16.1	18.1
1999	2.0	7.8	15.0	17.5
2000	1.3	6.7	13.7	15.7
2001	1.4	7.4	16.5	18.3

PERSONS				
1994	2.2	8.3	13.5	14.9
1995	2.0	8.6	14.5	15.7
1996	2.2	8.7	14.7	16.1
1997	2.7	8.7	14.5	15.8
1998	2.5	8.4	14.6	16.0
1999	2.2	7.8	13.0	14.5
2000	1.6	7.1	12.5	13.8
2001	1.9	8.0	15.0	16.3

(a) With the implementation of the redesigned Labour Force Survey questionnaire in April 2001, the definition of duration of employment was revised - see the **Information Paper: Implementing the Redesign Labour Force Survey Questionnaire** (cat. no. 6295.0) for further information. Data on long-term unemployment for years prior to 2001 uses the old definition of long-term unemployment.

#### 4 SOUTH AUSTRALIA-MEASURES OF LABOUR UNDERUTILISATION, Rates by Sex

September	Long-term unemployment rate(a) %	Unemployment rate %	Labour force underutilisation rate %	Extended labour force underutilisation rate %
-----------	--	------------------------	--	---

MALES				
1994	5.0	10.7	14.0	14.5
1995	4.4	10.5	15.4	16.2
1996	3.7	10.2	15.0	15.9
1997	4.4	10.3	15.2	15.9
1998	5.0	10.6	14.7	15.3
1999	3.3	8.2	13.0	14.0
2000	2.6	7.9	12.5	13.1
2001	2.6	7.9	13.3	14.3

FEMALES				
1994	2.7	9.0	18.1	19.9
1995	3.0	8.0	17.5	19.3
1996	1.7	8.2	17.9	20.2
1997	2.9	8.5	18.1	20.5
1998	2.6	8.2	17.1	19.6
1999	2.8	7.6	15.1	16.9
2000	1.6	6.2	14.1	15.8
2001	1.4	6.3	15.9	16.9

PERSONS				
1994	4.0	10.0	15.8	16.9
1995	3.8	9.4	16.3	17.5
1996	2.8	9.3	16.3	17.8
1997	3.8	9.5	16.4	17.9
1998	4.0	9.6	15.7	17.2
1999	3.1	7.9	13.9	15.3
2000	2.2	7.1	13.2	14.3
2001	2.1	7.2	14.4	15.5

(a) With the implementation of the redesigned Labour Force Survey questionnaire in April 2001, the definition of duration of employment was revised - see the **Information Paper: Implementing the Redesign Labour Force Survey Questionnaire** (cat. no. 6295.0) for further information. Data on long-term unemployment for years prior to 2001 uses the old definition of long-term unemployment.

#### 5 WESTERN AUSTRALIA-MEASURES OF LABOUR UNDERUTILISATION, Rates by Sex

September	Long-term unemployment rate(a) %	Unemployment rate %	Labour force underutilisation rate %	Extended labour force underutilisation rate %
-----------	--	------------------------	--	---

MALES				
1994	2.1	7.3	10.7	11.2
1995	1.8	6.9	10.8	11.7
1996	2.0	7.7	12.1	13.0
1997	1.7	7.3	10.6	11.4
1998	1.7	7.2	11.0	12.0
1999	1.7	7.3	10.8	11.6
2000	1.5	6.6	9.7	10.7
2001	1.5	7.6	11.7	12.4

FEMALES				
1994	1.7	8.0	15.2	16.9
1995	1.3	7.5	15.1	16.8
1996	1.7	6.7	13.5	15.2
1997	1.0	5.9	13.7	16.1
1998	1.1	5.9	12.6	14.5
1999	0.9	5.8	12.8	14.2
2000	0.7	4.3	12.4	13.9
2001	1.2	6.3	14.4	15.5

PERSONS				
1994	1.9	7.6	12.6	13.6
1995	1.6	7.2	12.6	13.9
1996	1.9	7.2	12.7	13.9
1997	1.4	6.7	11.9	13.4
1998	1.5	6.7	11.7	13.0
1999	1.3	6.7	11.7	12.7
2000	1.1	5.6	10.9	12.1
2001	1.4	7.0	12.9	13.8

(a) With the implementation of the redesigned Labour Force Survey questionnaire in April 2001, the definition of duration of employment was revised - see the **Information Paper: Implementing the Redesigned Labour Force Survey Questionnaire** (cat. no. 6295.0) for further information. Data on long-term unemployment for years prior to 2001 uses the old definition of long-term unemployment.

#### 6 TASMANIA-MEASURES OF LABOUR UNDERUTILISATION, Rates by Sex

September	Long-term unemployment rate(a) %	Unemployment rate %	Labour force underutilisation rate %	Extended labour force underutilisation rate %
MALES				
1994	6.3	11.9	16.7	18.3
1995	5.0	10.5	16.0	17.3
1996	3.6	10.8	16.6	17.1
1997	4.3	10.2	16.2	17.5
1998	5.5	11.5	16.9	17.8
1999	4.6	10.1	13.9	15.0
2000	4.8	10.1	16.4	17.4
2001	4.0	10.9	15.9	16.9
FEMALES				
1994	3.2	8.9	18.0	21.4
1995	2.1	6.6	16.6	19.2
1996	3.5	9.3	19.4	21.1
1997	4.4	11.9	22.2	24.6
1998	3.0	7.5	16.3	18.6
1999	2.4	7.4	16.5	20.1
2000	2.6	8.1	16.3	18.8
2001	1.9	8.1	16.1	18.2
PERSONS				
1994	5.0	10.7	17.2	19.6
1995	3.8	8.8	16.3	18.1
1996	3.6	10.2	17.8	18.8
1997	4.3	10.9	18.7	20.5
1998	4.4	9.8	16.6	18.1
1999	3.6	8.9	15.0	17.2
2000	3.9	9.2	16.3	18.0
2001	3.1	9.7	16.0	17.5

(a) With the implementation of the redesigned Labour Force Survey questionnaire in April 2001, the definition of duration of employment was revised - see the **Information Paper: Implementing the Redesigned Labour Force Survey Questionnaire** (cat. no. 6295.0) for further information. Data on long-term unemployment for years prior to 2001 uses the old definition of long-term unemployment.

## 7 NORTHERN TERRITORY-MEASURES OF LABOUR UNDERUTILISATION, Rates by Sex

September	Long-term unemployment rate(a) %	Unemployment rate %	Labour force underutilisation rate %	Extended labour force underutilisation rate %
MALES				
1994	2.0	8.7	12.1	12.8
1995	2.1	7.8	11.8	13.0
1996	0.7	4.9	7.5	8.5
1997	0.6	7.0	9.0	9.7
1998	1.8	5.3	8.2	8.9
1999	0.8	3.4	5.2	5.4
2000	1.6	5.7	8.5	9.5
2001	0.8	5.9	8.1	8.6
FEMALES				
1994	1.5	6.9	12.0	14.3
1995	1.4	6.2	13.1	15.2
1996	0.3	5.9	12.9	14.7
1997	0.8	3.4	7.4	9.6
1998	0.2	3.3	7.4	8.8
1999	0.2	4.5	9.3	9.9
2000	0.5	4.6	8.0	8.4
2001	0.7	6.2	12.6	13.4
PERSONS				
1994	1.8	7.9	12.0	13.5
1995	1.8	7.1	12.3	14.0
1996	0.5	5.3	9.8	11.2
1997	0.7	5.4	8.3	9.6
1998	1.1	4.5	7.9	8.9
1999	0.5	3.9	7.0	7.4
2000	1.1	5.2	8.2	9.0
2001	0.8	6.0	10.1	10.7

(a) With the implementation of the redesigned Labour Force Survey questionnaire in April 2001, the definition of duration of employment was revised - see the **Information Paper: Implementing the Redesigned Labour Force Survey Questionnaire** (cat. no. 6295.0) for further information. Data on long-term unemployment for years prior to 2001 uses the old definition of long-term unemployment.

## 8 AUSTRALIAN CAPITAL TERRITORY-MEASURES OF LABOUR UNDERUTILISATION, Rates by Sex

September	Long-term unemployment rate(a) %	Unemployment rate %	Labour force underutilisation rate %	Extended labour force underutilisation rate %
MALES				
1994	2.4	7.6	11.7	12.1
1995	1.8	6.3	11.6	12.6
1996	1.9	7.3	13.1	13.8
1997	1.8	7.2	12.4	13.3
1998	3.0	7.0	11.9	12.8
1999	2.1	6.2	10.0	11.0
2000	1.7	4.9	8.8	9.3
2001	1.3	5.3	10.4	11.0
FEMALES				
1994	0.7	6.1	12.1	13.2
1995	0.6	4.9	11.8	13.4
1996	1.5	7.7	14.3	15.7
1997	2.0	7.8	14.0	15.8
1998	1.1	5.4	10.7	11.8
1999	1.0	4.1	9.3	11.0
2000	0.7	4.1	8.2	9.3
2001	0.3	3.6	9.1	9.6

PERSONS				
1994	1.6	6.9	11.9	12.6
1995	1.2	5.6	11.7	13.0
1996	1.7	7.5	13.7	14.7
1997	1.9	7.5	13.1	14.5
1998	2.1	6.2	11.3	12.3
1999	1.6	5.2	9.7	11.0
2000	1.2	4.5	8.5	9.3
2001	0.9	4.5	9.8	10.4

(a) With the implementation of the redesigned Labour Force Survey questionnaire in April 2001, the definition of duration of employment was revised - see the **Information Paper: Implementing the Redesigned Labour Force Survey Questionnaire** (cat. no. 6295.0) for further information. Data on long-term unemployment for years prior to 2001 uses the old definition of long-term unemployment.

## 9 AUSTRALIA-MEASURES OF LABOUR UNDERUTILISATION, Rates by Sex

September	Long-term unemployment rate(a) %	Unemployment rate %	Labour force underutilisation rate %	Extended labour force underutilisation rate %
-----------	--	------------------------	--	---

MALES				
1994	3.7	9.2	13.1	13.9
1995	3.0	8.6	12.9	13.8
1996	2.8	8.6	12.9	13.6
1997	3.2	8.6	12.7	13.6
1998	3.1	8.0	12.1	12.9
1999	2.5	7.2	10.6	11.5
2000	1.9	6.4	10.2	11.1
2001	1.8	7.1	11.5	12.2

FEMALES				
1994	2.8	8.6	15.4	17.6
1995	2.0	7.3	14.9	16.9
1996	2.2	8.0	14.9	17.2
1997	2.4	7.6	14.9	16.9
1998	2.2	7.3	14.2	16.1
1999	1.8	6.8	13.4	15.3
2000	1.3	5.6	11.8	13.7
2001	1.2	6.3	13.7	15.2

PERSONS				
1994	3.3	9.0	14.1	15.5
1995	2.6	8.1	13.8	15.1
1996	2.6	8.3	13.8	15.2
1997	2.8	8.2	13.6	15.0
1998	2.7	7.7	13.0	14.3
1999	2.2	7.1	11.8	13.2
2000	1.7	6.1	10.9	12.2
2001	1.5	6.8	12.5	13.6

(a) With the implementation of the redesigned Labour Force Survey questionnaire in April 2001, the definition of duration of employment was revised - see the **Information Paper: Implementing the Redesigned Labour Force Survey Questionnaire** (cat. no. 6295.0) for further information. Data on long-term unemployment for years prior to 2001 uses the old definition of long-term unemployment.

## AGE-GROUP TABLES

### Populations

#### 1 MALES-MEASURES OF LABOUR UNDERUTILISATION, Populations by Age Group (years)

September	UNEMPLOYED		PERSONS NOT IN THE LABOUR FORCE		
	Long-term unemployed(a) '000	Total '000	Underemployed '000	Actively looking for work, not available in reference week, but available to start work in 4 weeks '000	Discouraged jobseekers '000

15-19					
1994	10.7	76.3	38.1	*3.8	*3.0
1995	12.8	79.1	43.1	*1.9	*3.6
1996	12.9	75.5	37.3	*3.9	*2.1
1997	9.5	79.1	30.0	*3.1	*3.9
1998	17.3	77.9	40.0	*2.7	*2.7
1999	8.9	74.5	35.7	*3.2	*4.1
2000	7.1	62.0	36.8	*4.6	5.7
2001	7.0	77.7	53.4	*5.2	*2.7
20-24					
1994	26.8	83.6	40.2	*2.8	*1.6
1995	19.8	77.3	37.5	*2.7	**1.3
1996	17.5	75.4	41.2	*2.7	**1.2
1997	32.7	90.2	41.6	*3.5	*2.3
1998	19.9	75.4	42.3	*2.2	*1.6
1999	15.5	66.6	31.1	*3.8	*1.3
2000	14.9	57.1	35.9	*4.6	*1.8
2001	15.6	73.4	42.2	*4.8	*1.2
25-34					
1994	47.4	114.5	45.9	*2.7	*1.9
1995	37.4	109.4	40.8	*4.4	*2.5
1996	35.3	108.5	47.3	*3.1	**0.7
1997	37.0	100.6	46.2	*2.2	**0.9
1998	37.6	95.1	47.5	*1.3	*1.8
1999	32.1	80.7	35.5	*3.2	*2.9
2000	22.9	86.0	46.6	5.9	*2.8
2001	20.2	91.1	47.1	*4.9	*2.1
35-44					
1994	41.2	80.5	29.5	*2.6	**0.9
1995	32.5	81.1	40.5	*2.4	*2.4
1996	29.6	83.4	39.0	*4.5	*2.4
1997	36.0	82.3	43.2	*2.4	*3.3
1998	37.5	76.6	37.2	*3.4	*4.2
1999	31.0	78.6	33.9	*4.8	*2.3
2000	22.2	64.7	34.9	*3.3	*1.2
2001	18.3	64.1	40.6	*2.8	*2.5
45-54					
1994	30.9	63.3	28.7	*1.5	**1.1
1995	28.2	54.9	35.5	*1.8	*3.3
1996	27.5	63.0	37.6	**1.2	*2.4
1997	30.3	59.9	32.8	*2.0	6.9
1998	32.0	67.8	30.2	**1.0	*2.8
1999	28.7	57.4	28.0	*2.5	*3.4
2000	24.4	52.7	33.1	*1.8	*3.7
2001	22.4	55.4	36.1	*2.1	*3.8
55-69					
1994	30.8	52.1	13.4	*1.7	23.1
1995	26.0	46.9	21.8	**0.4	25.8
1996	25.2	44.9	21.2	**0.6	20.6
1997	24.2	40.7	20.1	*1.4	22.5
1998	21.4	36.8	20.4	*2.0	23.6
1999	19.1	34.4	16.9	**0.8	22.9
2000	14.1	30.5	20.9	*1.4	17.1
2001	17.1	34.7	19.6	*1.7	16.0
Total(b)					
1994	187.8	470.3	196.4	15.1	31.7
1995	156.7	448.8	220.4	13.7	39.0
1996	148.2	450.8	223.8	15.8	29.5
1997	169.7	452.9	214.8	14.6	39.7
1998	166.0	429.8	217.4	12.6	36.7
1999	135.2	392.1	181.8	18.3	36.9
2000	105.6	353.2	208.2	21.6	32.4
2001	100.6	396.7	239.3	21.5	28.3

\* estimate has received a relative standard error of between 25% and 50% and should be used with caution.

\*\* estimate has received a relative standard error greater than 50% and is considered too unreliable for general use.

- nil or rounded to zero (including null cells).

(a) With the implementation of the redesigned Labour Force Survey questionnaire in April 2001, the definition of duration of employment was revised - see the **Information Paper: Implementing the Redesigned Labour Force Survey Questionnaire** (cat. no. 6295.0) for further information. Data on long-term unemployment for years prior to 2001 uses the old definition of long-term unemployment.

(b) Includes those aged 70 years and over.

## 2 FEMALES-MEASURES OF LABOUR UNDERUTILISATION, Populations by Age Group (years)

	UNEMPLOYED		PERSONS NOT IN THE LABOUR FORCE		
	Long-term unemployed(a)	Total	Underemployed	Actively looking for work, not available in reference week, but available to start work in 4 weeks	Discouraged jobseekers
September	'000	'000	'000	'000	'000
15-19					
1994	15.8	78.3	42.0	*4.9	*3.2
1995	9.8	68.6	43.7	*4.1	*1.9
1996	10.5	67.5	41.7	*3.5	*3.5
1997	9.5	60.9	46.3	*4.9	*3.1
1998	13.8	68.3	41.6	*2.8	*3.5
1999	9.5	69.6	41.0	5.8	*2.3
2000	6.9	55.4	36.7	*5.3	*1.4
2001	7.3	65.6	56.5	*3.0	*1.4
20-24					
1994	19.6	61.0	44.9	*4.9	*3.3
1995	14.8	54.1	50.3	*3.8	**0.4
1996	15.0	59.8	48.6	*3.2	*3.2
1997	14.5	52.6	51.0	*3.0	*3.4
1998	13.0	48.7	50.2	*2.9	*1.7
1999	9.6	41.9	42.1	*2.0	*1.5
2000	9.6	43.1	44.7	*2.4	*1.8
2001	7.8	40.8	46.8	*4.7	**0.5
25-34					
1994	22.0	70.6	55.6	6.6	7.8
1995	16.7	65.4	66.9	*4.6	11.5
1996	17.6	76.2	53.0	6.2	9.9
1997	21.7	69.2	55.7	7.9	11.3
1998	17.3	65.8	52.6	6.1	7.5
1999	15.9	61.7	42.4	9.9	9.9
2000	12.1	51.9	51.7	6.0	7.5
2001	9.0	61.4	54.7	6.5	*5.4
35-44					
1994	22.5	65.4	71.0	*2.7	18.1
1995	17.0	56.4	80.5	*4.2	16.1
1996	17.2	59.6	75.2	*2.7	21.0
1997	22.6	66.3	78.6	*4.1	12.8
1998	22.4	64.2	70.6	5.6	18.3
1999	22.8	63.0	75.2	5.6	13.2
2000	15.2	52.1	64.5	*3.1	16.1
2001	11.0	55.5	85.3	*4.3	10.8
45-54					
1994	19.8	44.3	38.2	*3.1	20.5
1995	12.8	30.6	48.6	**1.3	19.4
1996	22.3	44.4	49.9	*2.8	23.1
1997	20.6	44.7	48.4	**0.4	18.4
1998	16.6	40.5	55.1	*2.9	18.5
1999	13.2	38.8	58.6	*3.0	22.6
2000	10.3	33.7	55.7	*2.9	14.3
2001	12.8	41.2	61.5	*3.3	16.2



55-69					
1994	5.7	8.9	10.4	**1.0	22.0
1995	5.6	11.0	7.4	**1.0	23.7
1996	5.5	9.9	8.9	**0.5	28.6
1997	6.3	12.8	12.4	**0.9	29.6
1998	6.4	14.0	13.7	**0.4	24.8
1999	5.7	12.5	14.2	**0.9	19.3
2000	3.0	7.2	12.9	**0.7	33.1
2001	4.1	11.5	19.5	*1.8	19.0

Total(b)					
1994	105.4	328.4	262.1	23.3	74.8
1995	76.7	286.1	297.3	19.1	72.9
1996	88.1	317.2	277.4	18.9	89.4
1997	95.2	306.5	292.5	21.1	78.7
1998	89.6	301.4	283.9	20.6	74.3
1999	76.6	287.7	273.7	27.2	68.9
2000	57.1	243.5	266.1	20.4	74.1
2001	52.0	275.9	324.3	23.6	53.3

\* estimate has received a relative standard error of between 25% and 50% and should be used with caution.

\*\* estimate has received a relative standard error greater than 50% and is considered too unreliable for general use.

- nil or rounded to zero (including null cells).

(a) With the implementation of the redesigned Labour Force Survey questionnaire in April 2001, the definition of duration of employment was revised - see the **Information Paper: Implementing the Redesigned Labour Force Survey Questionnaire** (cat. no. 6295.0) for further information. Data on long-term unemployment for years prior to 2001 uses the old definition of long-term unemployment.

(b) Includes those aged 70 years and over.

### 3 PERSONS-MEASURES OF LABOUR UNDERUTILISATION, Populations by Age Group (years)

	UNEMPLOYED		PERSONS NOT IN THE LABOUR FORCE		
	Long-term unemployed(a)	Total	Underemployed	Actively looking for work, not available in reference week, but available to start work in 4 weeks	Discouraged jobseekers
September	'000	'000	'000	'000	'000
15-19					
1994	26.5	154.5	80.1	8.7	6.2
1995	22.6	147.7	86.8	6.0	*5.5
1996	23.4	142.9	79.0	7.4	5.7
1997	19.0	140.0	76.3	8.0	7.0
1998	31.1	146.1	81.6	*5.4	6.2
1999	18.3	144.0	76.6	9.1	6.4
2000	13.9	117.5	73.5	9.9	7.1
2001	14.3	143.3	109.8	8.2	*4.1
20-24					
1994	46.4	144.6	85.1	7.7	*4.9
1995	34.6	131.4	87.7	6.5	*1.7
1996	32.5	135.1	89.8	5.8	*4.4
1997	47.2	142.8	92.6	6.5	5.7
1998	32.9	124.0	92.5	*5.1	*3.3
1999	25.0	108.5	73.3	5.8	*2.8
2000	24.5	100.2	80.6	7.0	*3.6
2001	23.3	114.2	89.0	9.5	*1.7
25-34					
1994	69.4	185.2	101.5	9.4	9.7
1995	54.1	174.7	107.7	9.0	14.1
1996	52.9	184.7	100.3	9.3	10.6
1997	58.7	169.8	101.8	10.1	12.2
1998	54.9	160.9	100.0	7.3	9.3
1999	48.0	142.4	77.9	13.1	12.8
2000	35.0	138.0	98.3	11.9	10.4
2001	29.2	152.5	101.8	11.5	7.5

35-44					
1994	63.8	145.8	100.6	*5.3	19.0
1995	49.6	137.5	121.0	6.6	18.5
1996	46.8	143.0	114.3	7.2	23.4
1997	58.6	148.6	121.8	6.5	16.2
1998	59.9	140.8	107.7	9.0	22.5
1999	53.8	141.6	109.1	10.4	15.6
2000	37.4	116.9	99.3	6.4	17.3
2001	29.3	119.5	125.9	7.0	13.3
45-54					
1994	50.7	107.6	67.0	*4.6	21.6
1995	41.0	85.6	84.1	*3.1	22.7
1996	49.8	107.4	87.6	*4.0	25.5
1997	51.0	104.6	81.2	*2.4	25.3
1998	48.6	108.2	85.3	*3.9	21.2
1999	41.9	96.2	86.6	*5.5	26.0
2000	34.7	86.4	88.7	*4.7	18.0
2001	35.2	96.6	97.6	5.4	20.0
55-69					
1994	36.5	61.0	23.8	*2.7	45.1
1995	31.6	58.0	29.2	*1.5	49.5
1996	30.6	54.7	30.1	**1.1	49.3
1997	30.5	53.5	32.6	*2.3	52.1
1998	27.8	50.8	34.1	*2.4	48.4
1999	24.8	46.9	31.1	*1.7	42.2
2000	17.0	37.7	33.7	*2.1	50.2
2001	21.3	46.2	39.1	*3.5	35.0
Total(b)					
1994	293.2	798.8	458.5	38.4	106.5
1995	233.4	734.9	517.7	32.8	111.9
1996	236.3	768.1	501.2	34.7	118.9
1997	265.0	759.4	507.3	35.7	118.4
1998	255.6	731.2	501.3	33.2	110.9
1999	211.8	679.8	455.5	45.5	105.8
2000	162.7	596.7	474.3	42.0	106.5
2001	152.6	672.5	563.6	45.1	81.7

\* estimate has received a relative standard error of between 25% and 50% and should be used with caution.

\*\* estimate has received a relative standard error greater than 50% and is considered too unreliable for general use.

- nil or rounded to zero (including null cells).

(a) With the implementation of the redesigned Labour Force Survey questionnaire in April 2001, the definition of duration of employment was revised - see the **Information Paper: Implementing the Redesigned Labour Force Survey Questionnaire** (cat. no. 6295.0) for further information. Data on long-term unemployment for years prior to 2001 uses the old definition of long-term unemployment.

(b) Includes those aged 70 years and over.

## Rates

### 1 MALES-MEASURES OF LABOUR UNDERUTILISATION, Rates by Age Group (years)

September	Long-term unemployment rate(a) %	Unemployment rate %	Labour force underutilisation rate %	Extended labour force underutilisation rate %
15-19				
1994	2.9	20.8	31.3	32.5
1995	3.4	20.8	32.1	33.0
1996	3.3	19.5	29.2	30.3
1997	2.5	21.0	29.0	30.3
1998	4.4	19.8	29.9	30.9
1999	2.2	18.4	27.2	28.5
2000	1.8	15.4	24.6	26.4
2001	1.7	18.4	31.0	32.3
20-24				
1994	4.3	13.3	19.7	20.2

1995	3.2	12.4	18.4	18.9
1996	2.9	12.4	19.2	19.7
1997	5.5	15.3	22.4	23.1
1998	3.4	12.8	20.0	20.5
1999	2.6	11.1	16.3	17.0
2000	2.5	9.5	15.4	16.3
2001	2.6	12.2	19.2	19.9

#### 25-34

1994	3.6	8.8	12.4	12.7
1995	2.8	8.3	11.4	11.8
1996	2.7	8.2	11.7	12.0
1997	2.8	7.6	11.1	11.3
1998	2.8	7.1	10.7	10.9
1999	2.4	6.1	8.8	9.2
2000	1.7	6.4	9.9	10.5
2001	1.5	6.9	10.4	10.9

#### 35-44

1994	3.3	6.4	8.8	9.1
1995	2.5	6.3	9.5	9.8
1996	2.3	6.5	9.5	10.0
1997	2.7	6.2	9.5	9.9
1998	2.8	5.8	8.5	9.1
1999	2.3	5.9	8.4	8.9
2000	1.6	4.8	7.4	7.7
2001	1.4	4.8	7.8	8.1

#### 45-54

1994	3.1	6.4	9.3	9.6
1995	2.8	5.4	8.9	9.4
1996	2.6	6.0	9.6	9.9
1997	2.8	5.6	8.7	9.5
1998	2.9	6.1	8.9	9.2
1999	2.5	5.1	7.6	8.0
2000	2.1	4.6	7.5	7.9
2001	1.9	4.7	7.8	8.2

#### 55-69

1994	5.9	9.9	12.5	16.4
1995	4.9	8.9	13.0	17.1
1996	4.7	8.3	12.2	15.5
1997	4.4	7.4	11.1	14.8
1998	3.7	6.4	10.0	13.8
1999	3.2	5.8	8.7	12.2
2000	2.3	4.9	8.3	10.9
2001	2.7	5.4	8.5	11.0

#### Total(b)

1994	3.7	9.2	13.1	13.9
1995	3.0	8.6	12.9	13.8
1996	2.8	8.6	12.9	13.6
1997	3.2	8.6	12.7	13.6
1998	3.1	8.0	12.1	12.9
1999	2.5	7.2	10.6	11.5
2000	1.9	6.4	10.2	11.1
2001	1.8	7.1	11.5	12.2

(a) With the implementation of the redesigned Labour Force Survey questionnaire in April 2001, the definition of duration of employment was revised - see the **Information Paper: Implementing the Redesigned Labour Force Survey Questionnaire** (cat. no. 6295.0) for further information. Data on long-term unemployment for years prior to 2001 uses the old definition of long-term unemployment.

(b) Includes those aged 70 years and over.

## 2 FEMALES-MEASURES OF LABOUR UNDERUTILISATION, Rates by Age Group (years)

September	Long-term unemployment rate(a) %	Unemployment rate %	Labour force underutilisation rate %	Extended labour force underutilisation rate %
15-19				
1994	4.4	21.6	33.2	34.7

1995	2.7	18.9	31.0	32.1
1996	2.9	18.5	29.9	31.3
1997	2.7	17.0	30.0	31.5
1998	3.7	18.1	29.1	30.3
1999	2.4	17.9	28.5	29.9
2000	1.8	14.2	23.6	24.9
2001	1.8	16.6	30.9	31.7

#### 20-24

1994	3.6	11.1	19.3	20.5
1995	2.7	9.9	19.0	19.6
1996	2.8	11.2	20.3	21.2
1997	2.8	10.2	20.1	21.1
1998	2.5	9.4	19.1	19.8
1999	1.9	8.1	16.3	16.9
2000	1.8	8.1	16.5	17.2
2001	1.5	7.8	16.8	17.6

#### 25-34

1994	2.3	7.3	13.1	14.3
1995	1.7	6.8	13.7	15.1
1996	1.8	7.8	13.1	14.5
1997	2.2	7.0	12.6	14.2
1998	1.7	6.6	11.8	13.0
1999	1.6	6.1	10.4	12.1
2000	1.2	5.0	10.0	11.2
2001	0.9	5.9	11.1	12.1

#### 35-44

1994	2.3	6.7	13.9	15.7
1995	1.7	5.6	13.6	15.3
1996	1.7	5.8	13.1	15.1
1997	2.2	6.3	13.8	15.2
1998	2.1	6.1	12.8	14.8
1999	2.1	5.9	13.0	14.5
2000	1.4	4.9	10.9	12.5
2001	1.0	5.1	13.1	14.3

#### 45-54

1994	2.8	6.2	11.5	14.3
1995	1.7	4.0	10.4	12.8
1996	2.8	5.6	12.0	14.8
1997	2.5	5.4	11.3	13.3
1998	1.9	4.6	11.0	13.1
1999	1.5	4.3	10.9	13.4
2000	1.1	3.6	9.5	11.2
2001	1.4	4.4	10.9	12.7

#### 55-69

1994	2.4	3.7	8.1	16.1
1995	2.3	4.5	7.4	15.8
1996	2.0	3.7	7.0	16.1
1997	2.3	4.6	9.0	18.0
1998	2.2	4.7	9.4	16.6
1999	1.8	3.8	8.2	13.6
2000	0.9	2.1	5.8	14.2
2001	1.1	3.0	8.2	13.0

#### Total(b)

1994	2.8	8.6	15.4	17.6
1995	2.0	7.3	14.9	16.9
1996	2.2	8.0	14.9	17.2
1997	2.4	7.6	14.9	16.9
1998	2.2	7.3	14.2	16.1
1999	1.8	6.8	13.4	15.3
2000	1.3	5.6	11.8	13.7
2001	1.2	6.3	13.7	15.2

(a) With the implementation of the redesigned Labour Force Survey questionnaire in April 2001, the definition of duration of employment was revised - see the **Information Paper: Implementing the Redesigned Labour Force Survey Questionnaire** (cat. no. 6295.0) for further information. Data on long-term unemployment for years prior to 2001 uses the old definition of long-term unemployment.

(b) Includes those aged 70 years and over.

### 3 PERSONS-MEASURES OF LABOUR UNDERUTILISATION, Rates by Age Group (years)

September	Long-term unemployment rate(a) %	Unemployment rate %	Labour force underutilisation rate %	Extended labour force underutilisation rate %
15-19				
1994	3.6	21.2	32.2	33.6
1995	3.0	19.9	31.5	32.6
1996	3.1	19.0	29.5	30.7
1997	2.6	19.1	29.5	30.9
1998	4.0	19.0	29.5	30.6
1999	2.3	18.2	27.8	29.2
2000	1.8	14.8	24.1	25.7
2001	1.8	17.5	31.0	32.0
20-24				
1994	3.9	12.3	19.5	20.4
1995	2.9	11.2	18.7	19.2
1996	2.8	11.8	19.7	20.4
1997	4.3	12.9	21.3	22.2
1998	3.0	11.2	19.6	20.2
1999	2.2	9.7	16.3	16.9
2000	2.2	8.8	15.9	16.7
2001	2.1	10.1	18.0	18.9
25-34				
1994	3.1	8.2	12.7	13.4
1995	2.4	7.6	12.3	13.2
1996	2.3	8.0	12.3	13.1
1997	2.5	7.3	11.7	12.5
1998	2.4	6.9	11.2	11.8
1999	2.1	6.1	9.5	10.5
2000	1.5	5.8	10.0	10.8
2001	1.2	6.4	10.7	11.4
35-44				
1994	2.9	6.5	11.0	12.0
1995	2.2	6.0	11.3	12.2
1996	2.0	6.2	11.1	12.2
1997	2.5	6.3	11.4	12.3
1998	2.5	5.9	10.4	11.6
1999	2.2	5.9	10.5	11.4
2000	1.5	4.8	8.9	9.8
2001	1.2	4.9	10.1	10.9
45-54				
1994	3.0	6.3	10.2	11.6
1995	2.3	4.8	9.5	10.8
1996	2.7	5.9	10.6	12.0
1997	2.7	5.5	9.8	11.1
1998	2.5	5.5	9.8	10.9
1999	2.1	4.8	9.0	10.4
2000	1.7	4.1	8.4	9.4
2001	1.7	4.6	9.2	10.2
55-69				
1994	4.8	8.0	11.1	16.3
1995	4.1	7.5	11.2	16.7
1996	3.8	6.8	10.5	15.7
1997	3.7	6.4	10.4	15.9
1998	3.2	5.9	9.8	14.8
1999	2.7	5.1	8.5	12.7
2000	1.8	3.9	7.4	12.2
2001	2.1	4.5	8.4	11.7
Total(b)				
1994	3.3	9.0	14.1	15.5

1995	2.6	8.1	13.8	15.1
1996	2.6	8.3	13.8	15.2
1997	2.8	8.2	13.6	15.0
1998	2.7	7.7	13.0	14.3
1999	2.2	7.1	11.8	13.2
2000	1.7	6.1	10.9	12.2
2001	1.5	6.8	12.5	13.6

(a) With the implementation of the redesigned Labour Force Survey questionnaire in April 2001, the definition of duration of employment was revised - see the **Information Paper: Implementing the Redesigned Labour Force Survey Questionnaire** (cat. no. 6295.0) for further information. Data on long-term unemployment for years prior to 2001 uses the old definition of long-term unemployment.

(b) Includes those aged 70 years and over.

## Back to the Feature Article - Measures of Labour Underutilisation

---

© Commonwealth of Australia

All data and other material produced by the Australian Bureau of Statistics (ABS) constitutes Commonwealth copyright administered by the ABS. The ABS reserves the right to set out the terms and conditions for the use of such material. Unless otherwise noted, all material on this website – except the ABS logo, the Commonwealth Coat of Arms, and any material protected by a trade mark – is licensed under a Creative Commons Attribution 2.5 Australia licence